

1/9

7 6 3 9 3 4 1 3 " 9 3 5 4 2 9 9 2 9 3

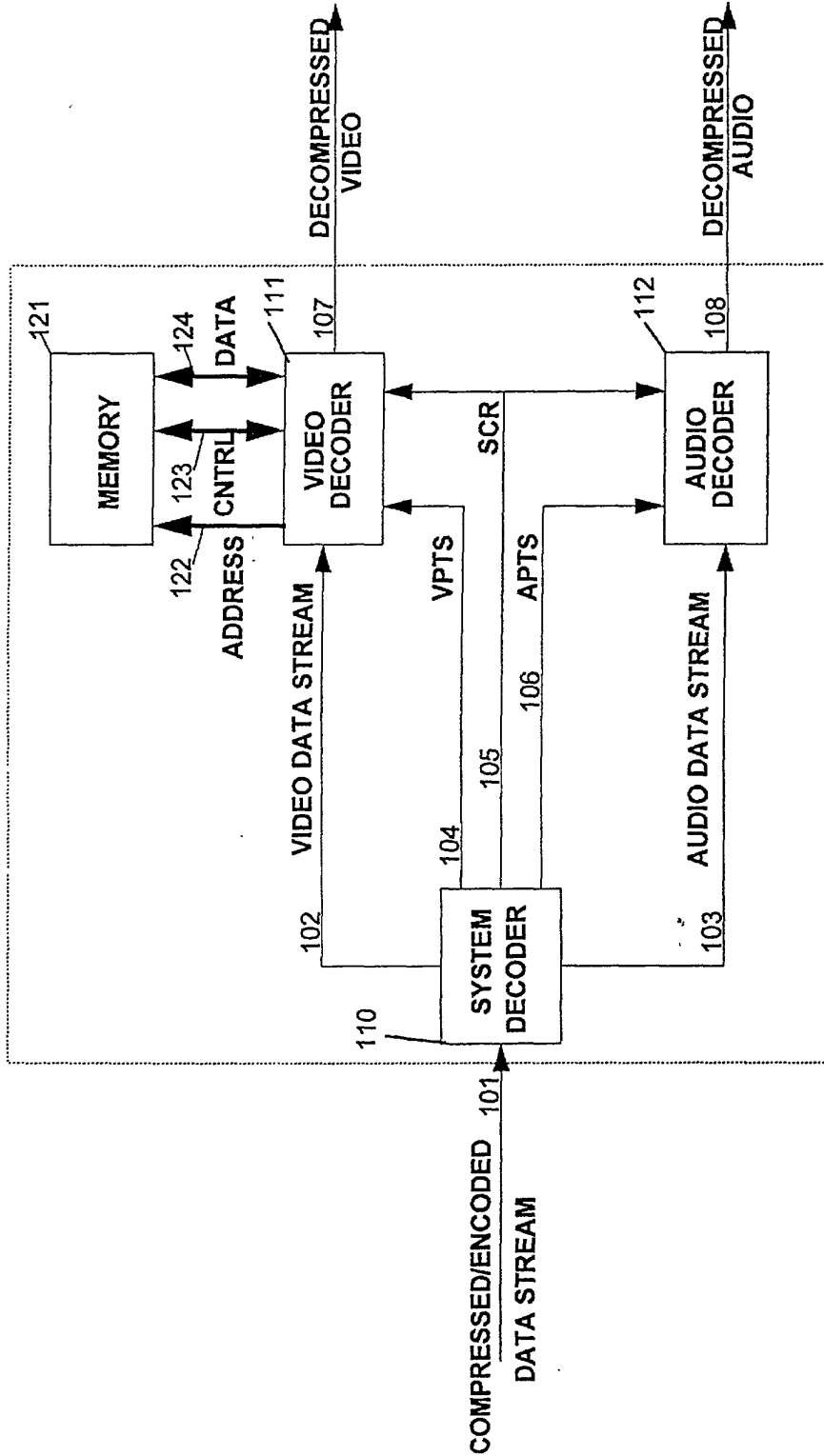


FIG. 1A  
(PRIOR ART)

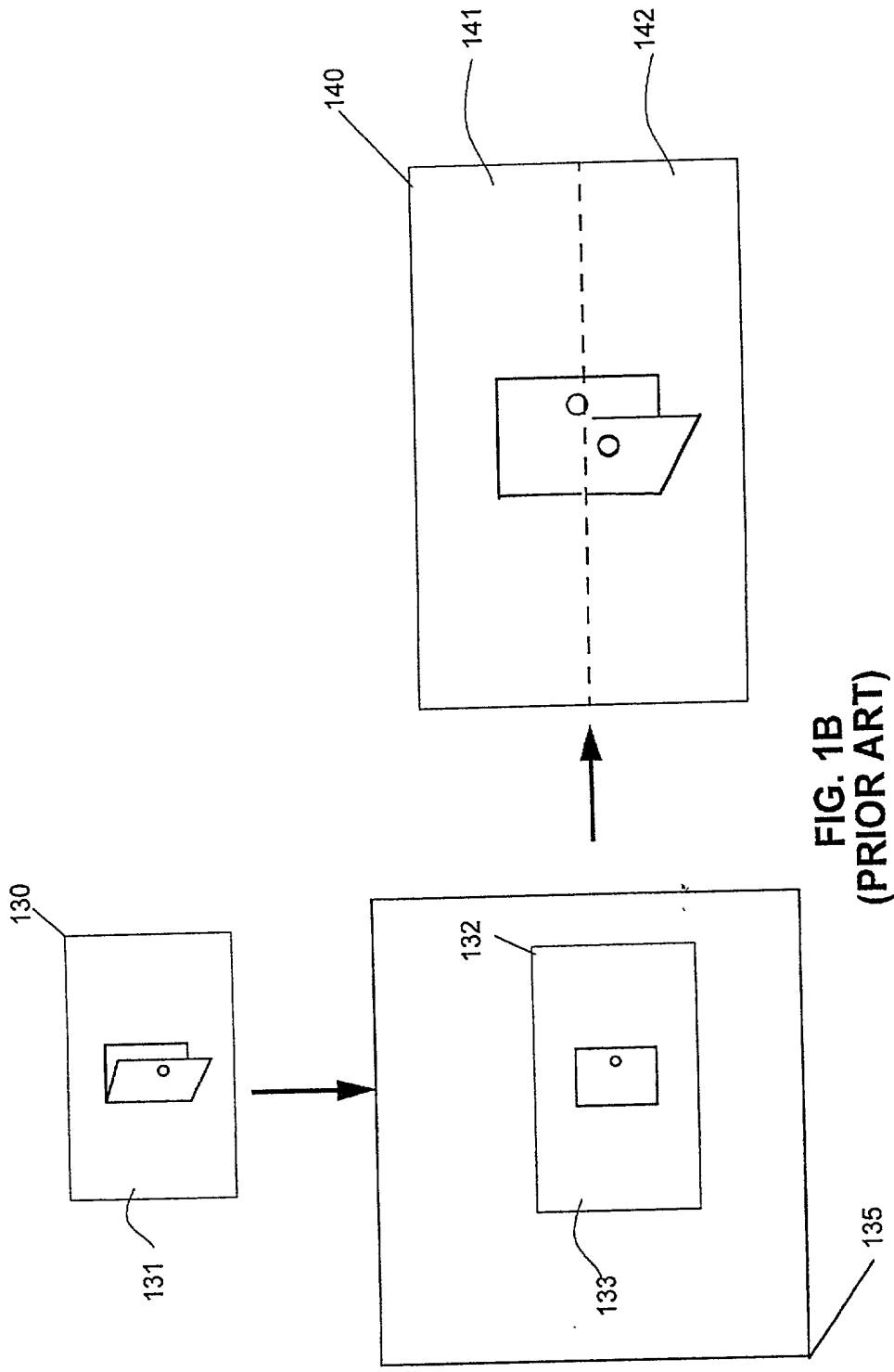
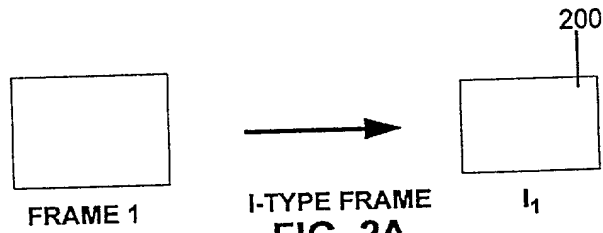
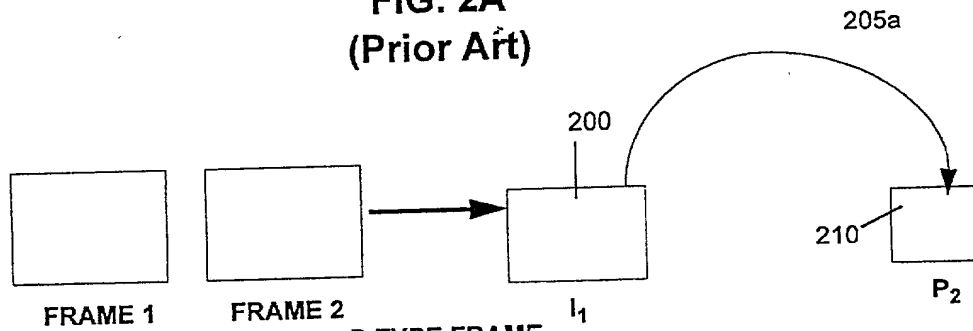


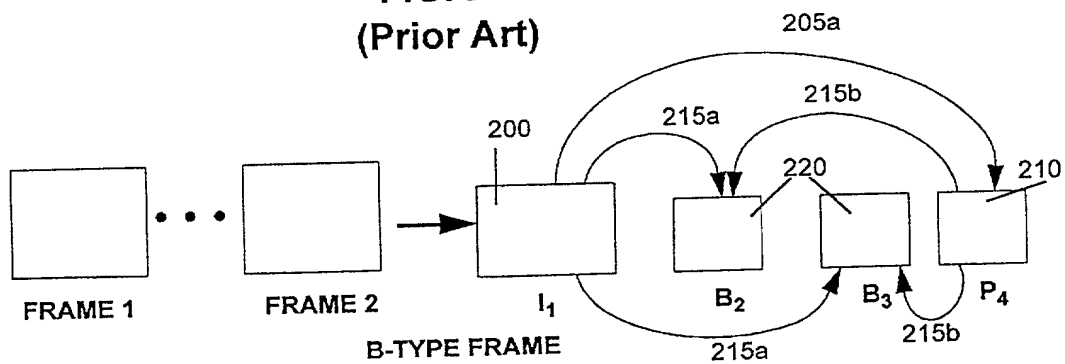
FIG. 1B  
(PRIOR ART)



I-TYPE FRAME  
FIG. 2A  
(Prior Art)



P-TYPE FRAME  
FIG. 2B  
(Prior Art)



B-TYPE FRAME  
FIG. 2C  
(Prior Art)

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FIG. 2D

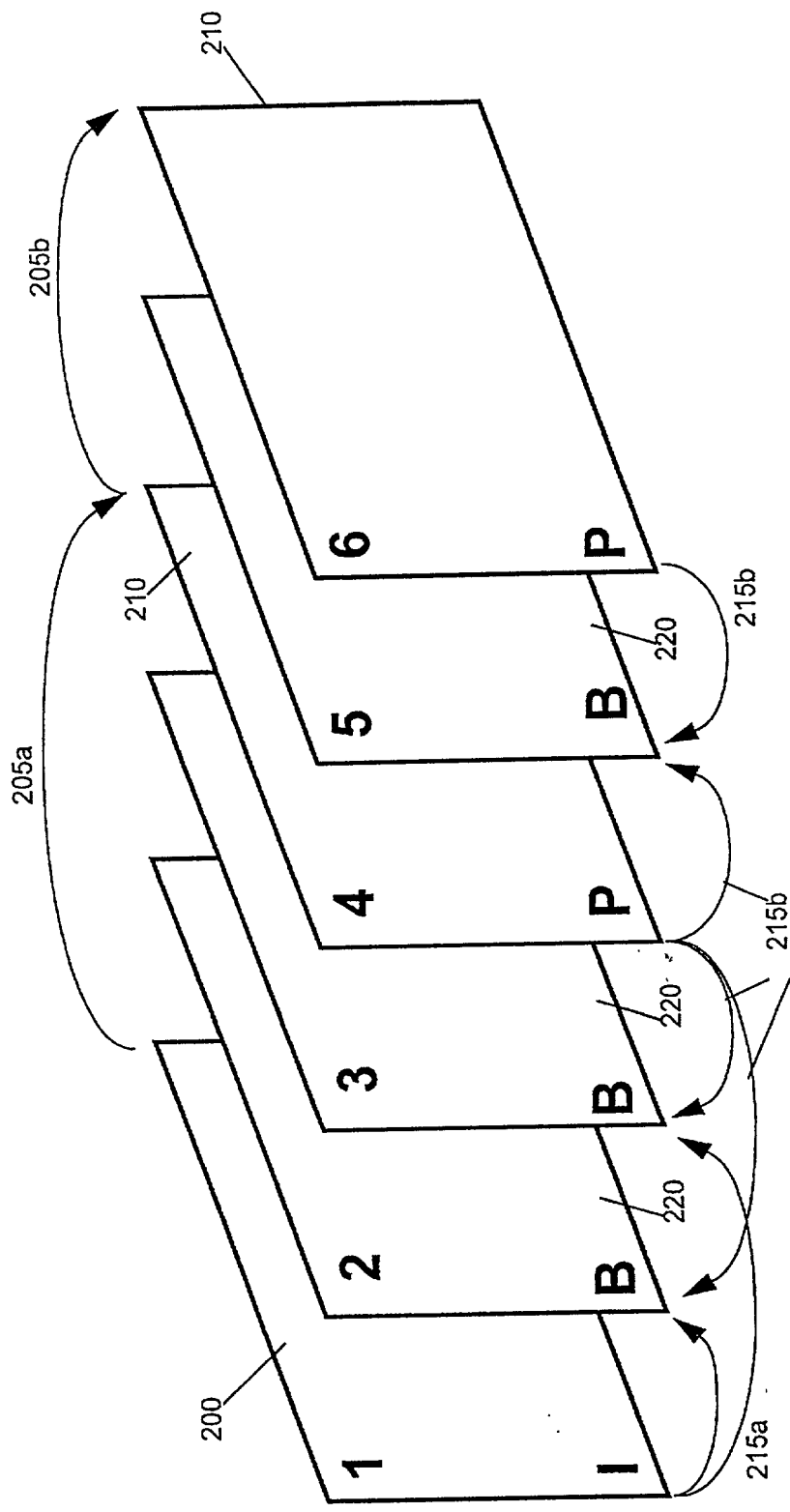


FIG. 2D  
(Prior Art)

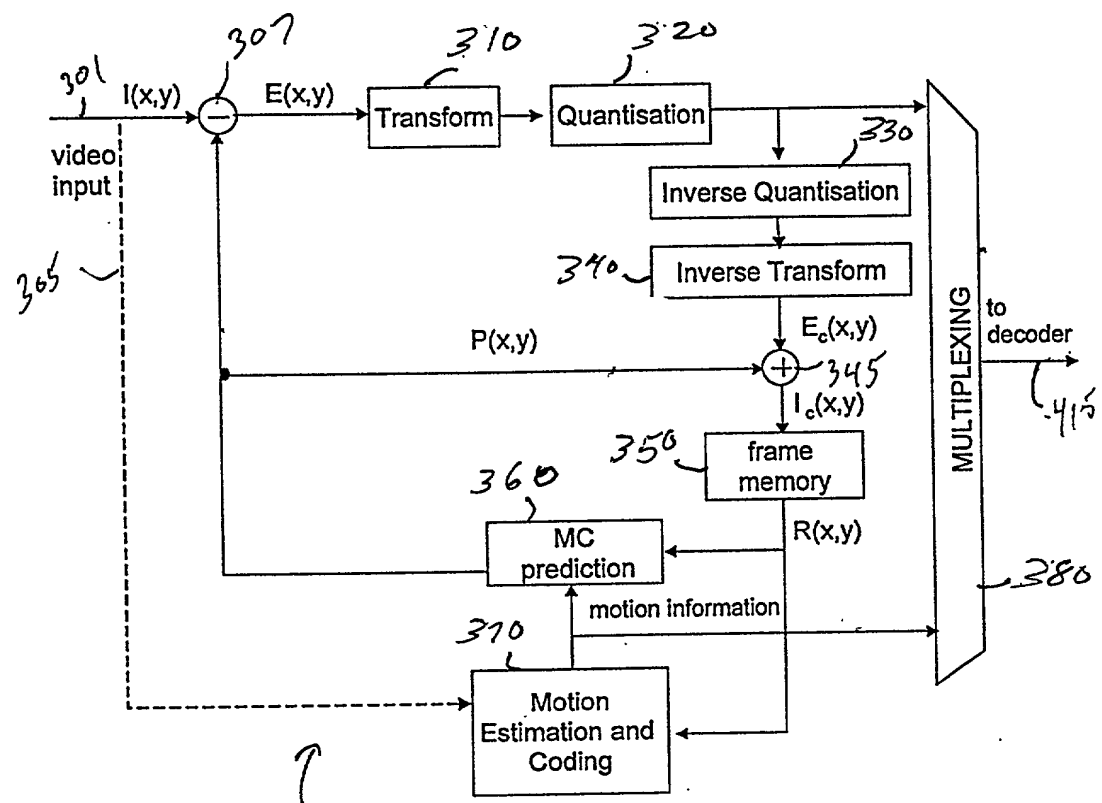


FIG. 3  
(Prior Art)

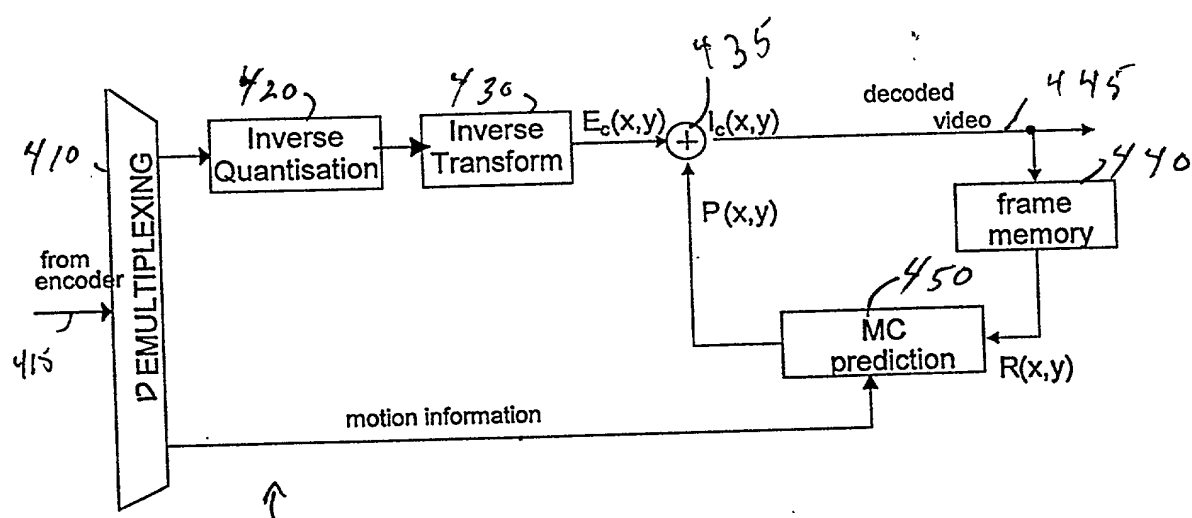


FIG. 4  
(Prior Art)

6/9

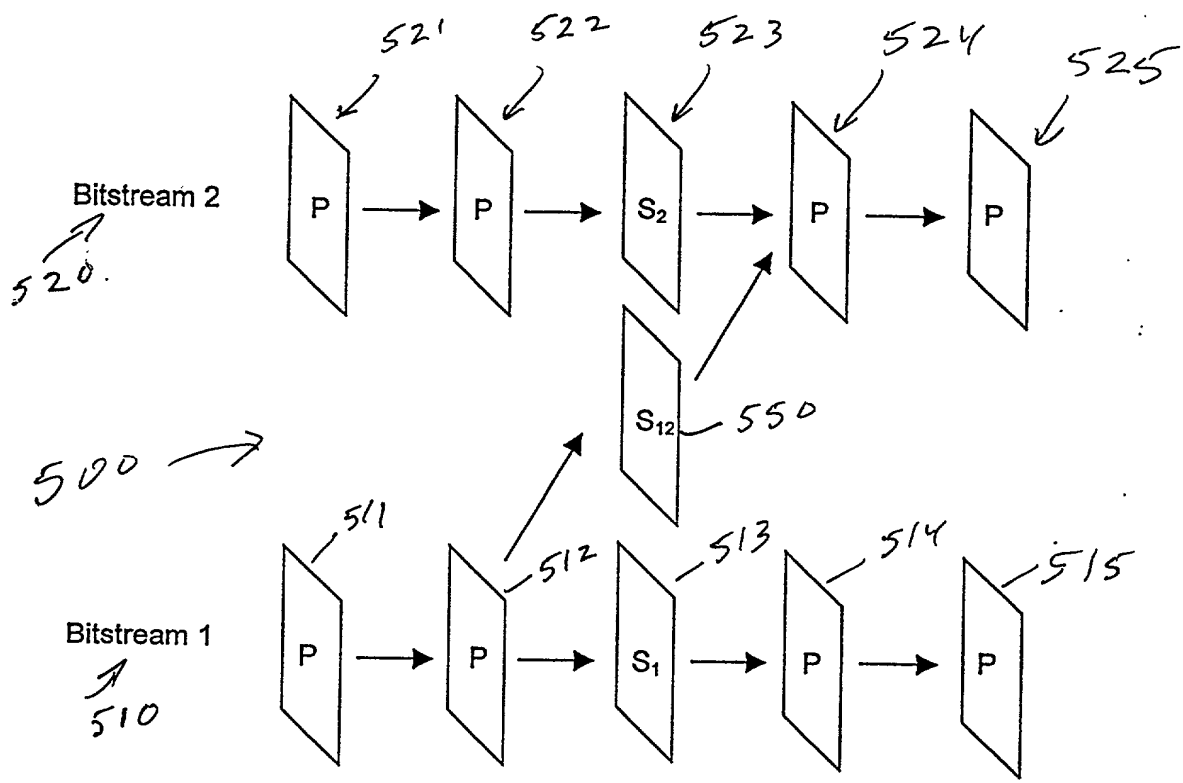


FIG. 5

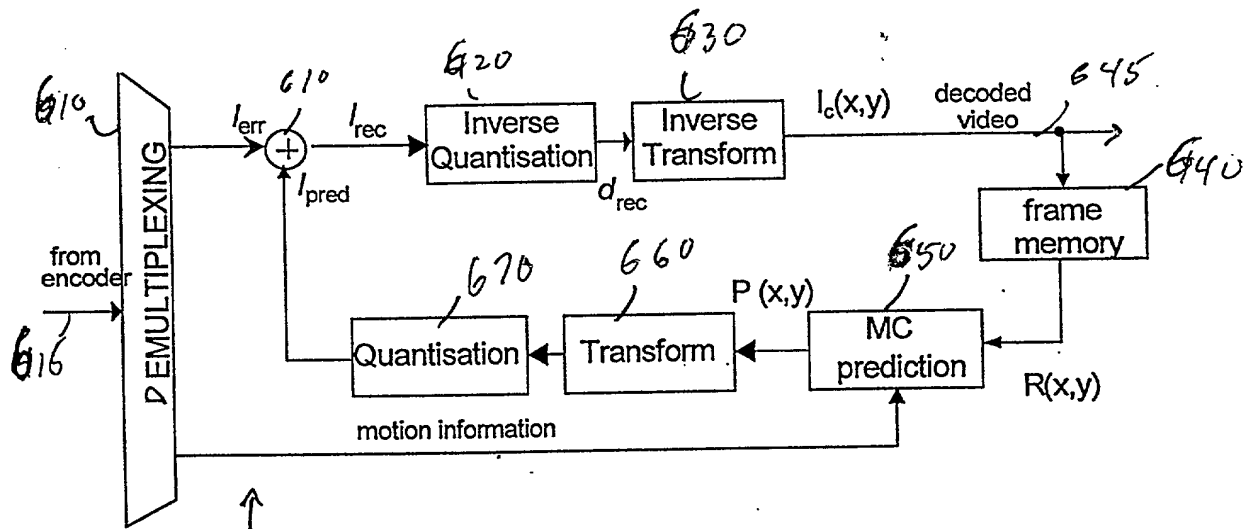


FIG. 6

7/9

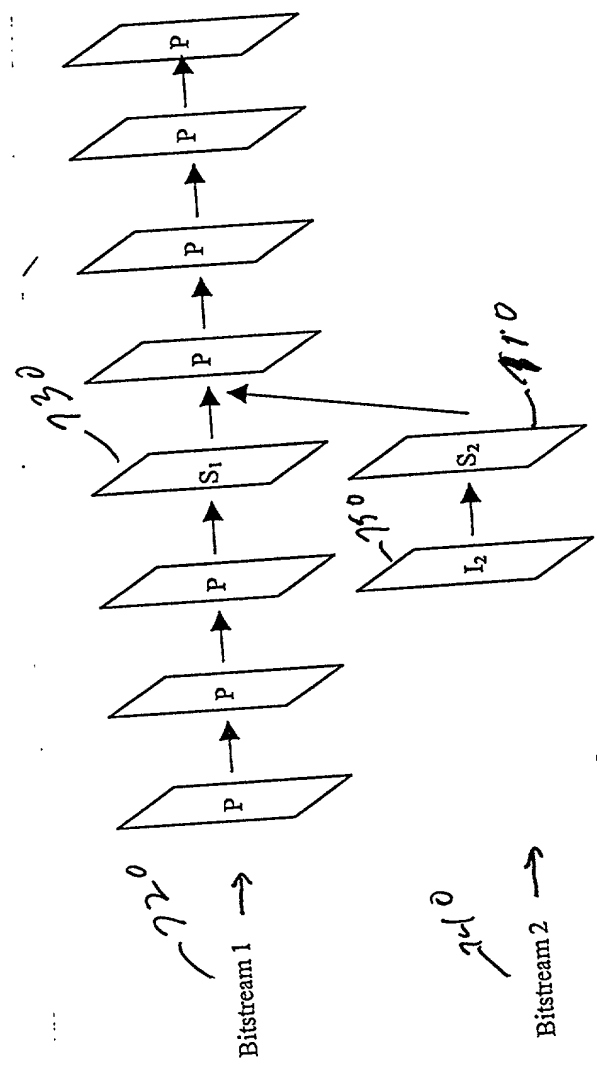


Figure 7: Random access using SP-pictures.

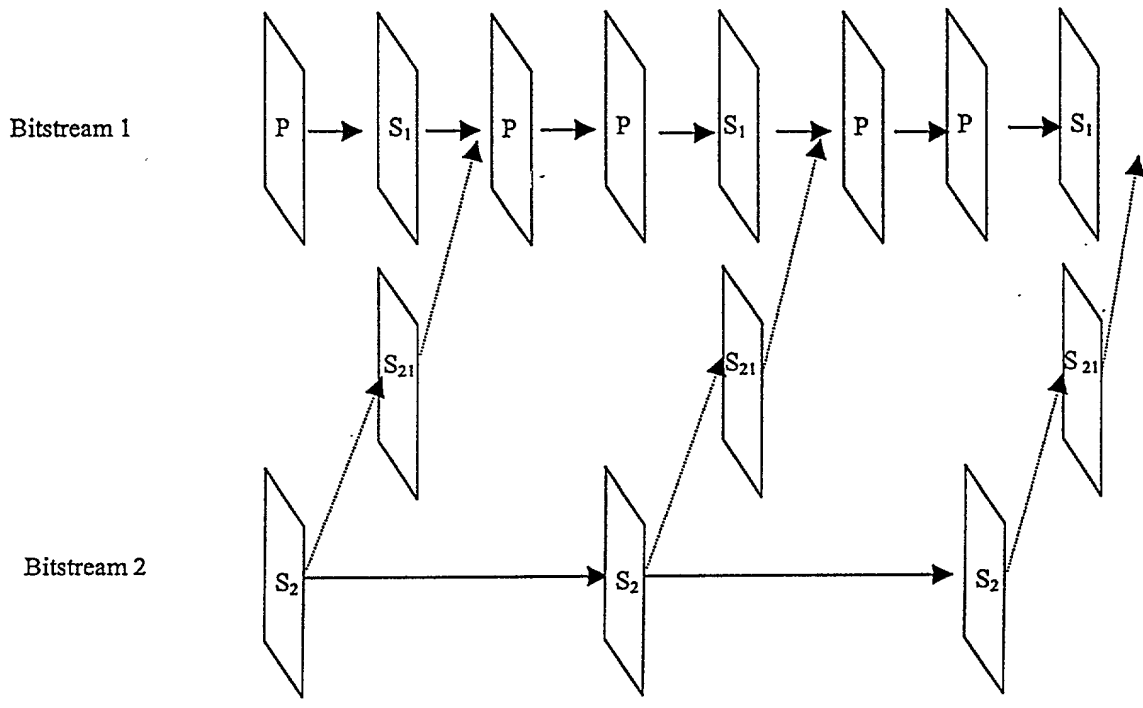


Figure 8: Fast-forward using SP-pictures.

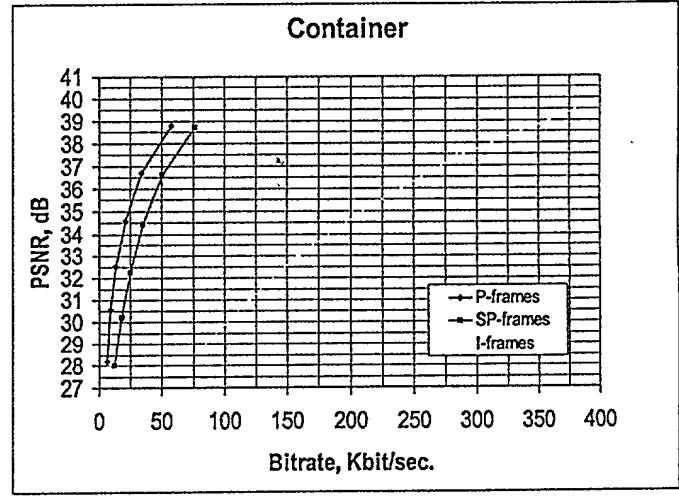
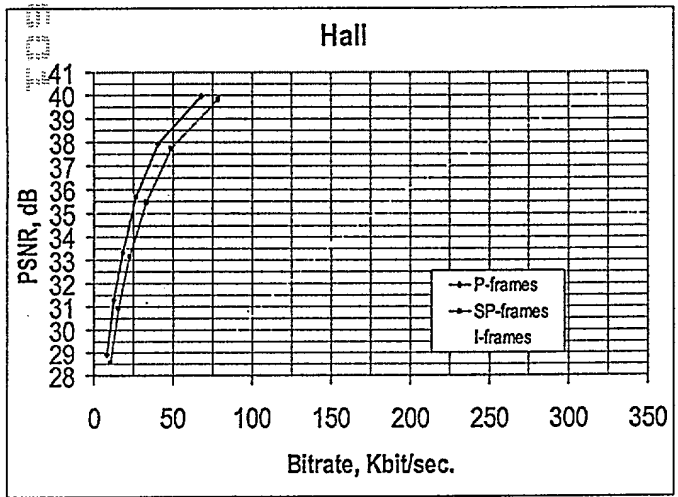


Figure 7: Comparison of coding efficiencies of I, P and SP-pictures.



9/9

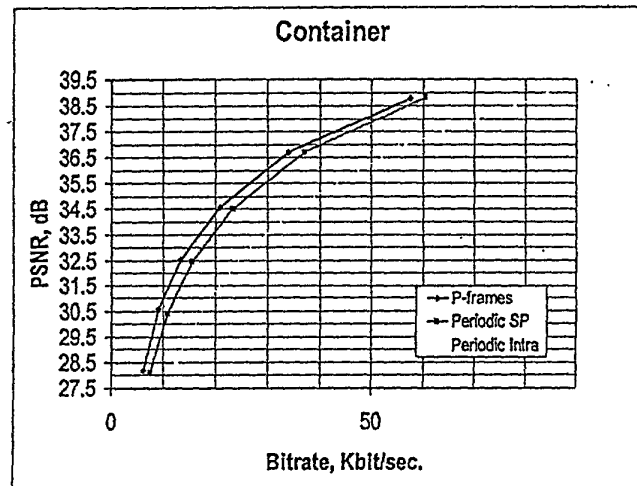
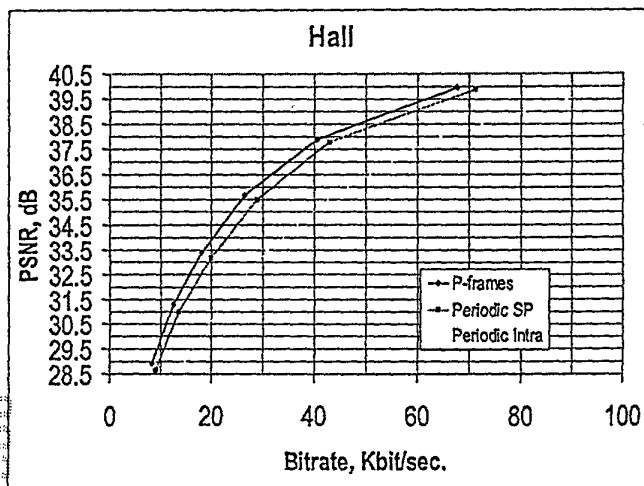


Figure 10 Comparison of performance of SP and I-pictures when used at fixed 1sec. intervals.

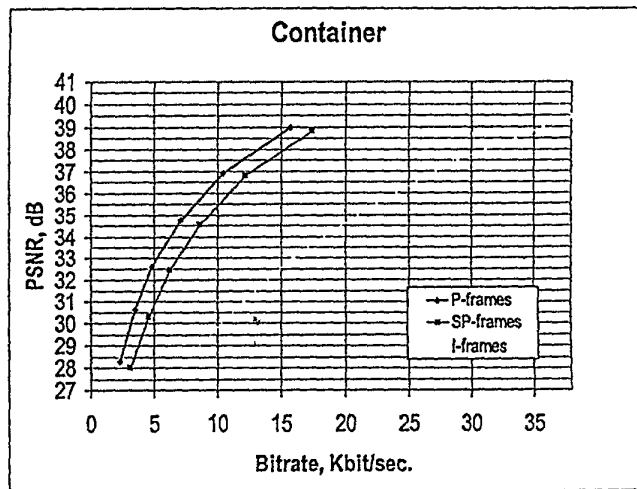
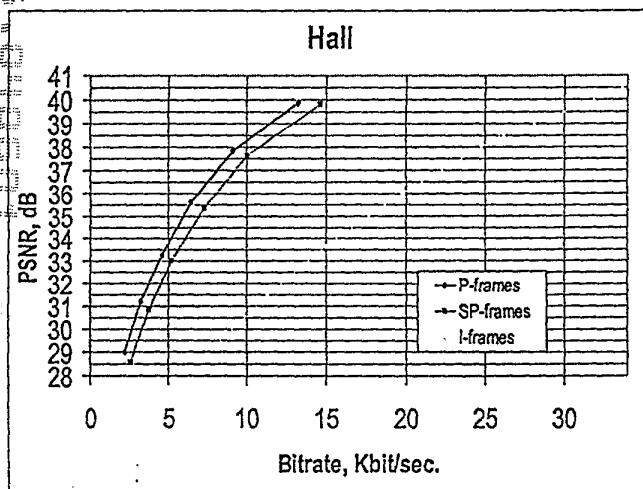


Figure 11 Performance of SP and I-frames in Fast-Forward application, 1sec. intervals.